

## ABSTRACT OF THE DISCLOSURE

AQUEOUS POLYMER COMPOSITION AND COATING PRODUCED  
THEREFROM

An aqueous polymer composition including a plurality of comb copolymer  
5 particles is disclosed. The comb copolymer particles contain comb copolymer  
having a polymer backbone with at least one attached graft segment. The  
polymer backbone and the at least one graft segment have select compositional  
ranges and select glass transition temperature ranges. Further, the comb  
copolymer contains as a polymerized unit at least one select monomer such as,  
10 aldehyde reactive group-containing monomer or certain styrenic monomers. The  
aqueous polymer composition of the present invention is useful for preparing  
coatings having one or more improved properties such as dirt pickup resistance,  
gloss, gloss retention, alkyd adhesion, and tint retention. A method for forming  
a coated substrate from the aqueous polymer composition of this invention is also  
15 provided.